

Injury Fatalities

2011

MASSACHUSETTS RESIDENTS

- ◆ There were 3,128 injury fatalities among Massachusetts residents in 2011, a rate of 47.5 fatalities per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ²
	Unintentional	Intentional		Undetermined	Other & Legal ¹			
		Suicide	Homicide					
Cut/pierce	1	24	33	1	0	59	1.9	0.9
Drowning/submersion	40	13	0	17		70	2.2	1.1
Fall	587	9	0	0		596	19.1	9.0
Fire/burn	28	3	1	2		34	1.1	0.5
Firearm	3	114	132	0	3	252	8.1	3.8
Machinery	4					4	0.1	0.1
Natural/environmental	28					28	0.9	0.4
Poisoning	798	124	1	42	0	965	30.9	14.6
Struck by, against	9	0	4	0	0	13	0.4	0.2
Suffocation/hanging	140	270	9	4		423	13.5	6.4
Transport Injuries:	397	2	0	0	0	399	12.8	6.1
<i>Motor vehicle traffic-related</i>	371	2	0	0	0	373	11.9	5.7
<i>Occupant</i>	38					38	1.2	0.6
<i>Motorcyclist</i>	44					44	1.4	0.7
<i>Pedal cyclist</i>	5					5	0.2	0.1
<i>Pedestrian</i>	78					78	2.5	1.2
<i>Other person</i>	0					0	0.0	0.0
<i>Unspecified person</i>	206					206	6.6	3.1
<i>Pedal cyclist, other</i>	2					2	0.1	0.0
<i>Pedestrian, other</i>	9					9	0.3	0.1
<i>Other land transport</i>	9					9	0.3	0.1
<i>Other transport</i>	6					6	0.2	0.1
Other specified & classifiable	16	10	1	0	0	27	0.9	0.4
Other specified, not classifiable	23	4	5	2	0	34	1.1	0.5
Unspecified	118	4	15	31	0	168	5.4	2.6
Adverse Effects ³						56	1.8	0.9
TOTAL DEATHS	2,192	577	201	99	3	3,128	100%	47.5
Injury Death Rate by Intent	33.3	8.8	3.1	1.5	0.0	n/a	n/a	n/a

Source: *Registry of Vital Records and Statistics, Massachusetts Department of Public Health.*

¹ Legal Intervention includes fatalities resulting from police actions and operations of war.

² Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

³ Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).

—An injury-related fatality is defined as any death with an ICD-10 code of U01-U03 or V01-Y89 in the underlying cause field.

—Categories and groupings are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.

—Injury subcategories are italicized.

—Analysis is based on a calendar year (Jan 1 - Dec 31, 2011).

—Massachusetts residents who died in or out-of-state are included in this analysis: non-Massachusetts residents are excluded from the analysis.

—Population data used to calculate rates are based on Post-censal Estimates for 2011 MA population (6,587,536).

—Data were extracted and compiled by the Injury Surveillance Program, MDPH, January 2013